

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	(nozzle and (housing or cover) and insert and (opening or outlet or orifice) and nut and wall).clm.	US-PGPUB; USPAT	OR	ON	2006/07/26 10:00

*Interference Search*

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	(nozzle and (housing or cover) and insert and (opening or outlet or orifice) and nut and wall).clm.	US-PGPUB; USPAT	OR	ON	2006/07/26 10:00
S1	45	("3463158" "3531561" "3636956" "3739773" "3797499" "4209476" "4279249" "4539981" "4550449" "4898186" "4968317" "5227412" "5294395" "5718716" "5997568" "6005019" "6093200" "6165202" "6235869"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/26 10:00
S2	7	("5749528" "3907202" "3876150" "4220286" "5188290" "3659787").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/06 09:40
S3	20	("3463158" "3531561" "3636956" "3739773" "3797499" "4209476" "4279249" "4539981" "4550449" "4898186" "4968317" "5227412" "5294395" "5718716" "5997568" "6005019" "6093200" "6165202" "6235869"). PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/06 09:31
S4	1305	239/600.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/06 12:29
S5	1	("4273287").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/06 09:40
S6	730	239/601.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/06 16:16
S7	399	239/596.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/06 16:16
S8	32	(US-20040124283-\$ or US-20030127536-\$).did. or (US-5749528-\$ or US-5188290-\$ or US-3659787-\$ or US-3876150-\$ or US-3907202-\$ or US-4220286-\$ or US-6969016-\$ or US-6854667-\$ or US-4273287-\$ or US-6814316-\$ or US-6793155-\$ or US-6663023-\$ or US-6398128-\$ or US-6079638-\$ or US-5765753-\$ or US-5505381-\$ or US-5494226-\$ or US-5337961-\$ or US-5094402-\$ or US-4988043-\$ or US-4736893-\$ or US-4736892-\$ or US-4718607-\$ or US-2249398-\$ or US-6261367-\$ or US-2778687-\$).did. or (US-2665946-\$ or US-3416736-\$).did. or (US-3463158-\$). did. or (DE-3907202-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/04/06 16:29
S9	2008037	plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/06 16:29

## EAST Search History

S10	9	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/06 16:31
S11	269484	carbide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/06 16:31
S12	56589	S9 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/06 16:31
S13	9	S8 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/06 16:31
S14	1898	"239".clas. and "169".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/07 08:01
S15	108820	"239".clas. or "169".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/07 08:02
S16	66020	"239".clas. or "169".clas.	US-PGPUB; USPAT	OR	ON	2006/04/07 08:02
S17	9022	"169".clas.	US-PGPUB; USPAT	OR	ON	2006/04/07 08:02
S18	2009184	plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/11 07:53

## EAST Search History

S19	32	(US-20040124283-\$ or US-20030127536-\$).did. or (US-3876150-\$ or US-3907202-\$ or US-3659787-\$ or US-4220286-\$ or US-5188290-\$ or US-5749528-\$ or US-6854667-\$ or US-6969016-\$ or US-4718607-\$ or US-2665946-\$ or US-6398128-\$ or US-5094402-\$ or US-6663023-\$ or US-6814316-\$ or US-5505381-\$ or US-4736892-\$ or US-6793155-\$ or US-5494226-\$ or US-6079638-\$ or US-2249398-\$ or US-6261367-\$ or US-4273287-\$ or US-2778687-\$ or US-5337961-\$ or US-5765753-\$ or US-3416736-\$).did. or (US-4988043-\$ or US-4736893-\$).did. or (US-3463158-\$).did. or (DE-3907202-\$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/04/11 07:53
S20	9	S18 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/11 07:55
S21	2	"4,508,268".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/11 07:55
S22	4860	nozzle adj housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/11 16:29
S23	23554	nozzle same insert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/11 16:29
S24	273	S22 same S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/11 16:35
S25	1324	239/600.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/26 09:42
S26	738	239/601.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/26 09:42
S27	416	239/596.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/26 09:43
S28	513	239/104,106.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/26 09:43

## EAST Search History

S29	272	239/591.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/26 09:48
S30	192	239/592.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/26 09:48